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Cleanup Sign-off Guidelines
Phase 1
Refugio Incident
May 22, 2015 version

Cleanup and Assessment: Oiled areas are being inspected by a Unified Command inspection team (SCAT team). The SCAT teams consist of representatives from the Federal On-Scene Coordinator, the California Department of Fish and Wildlife - Office of Spill Prevention and Response State On-Scene Coordinator, the Responsible Party, and other parties as required.

Shoreline inspection will be done in a phased approach. This document outlines Phase 1 actions. The objective of Phase 1 cleanup includes: gross oil removal, defined as removing oil so that it does not rub off on contact so it is not deleterious to wildlife, and removing oil such that it no longer remobilizes. Cleanup endpoints for phase 2 still need to be developed.

Inspection Phase I

The SCAT Team will inspect segments of shoreline once notified by the Operations Section Chief that removal of free oil, emulsified oil (a.k.a., mousse), and/or contaminated debris has been completed. The purpose of the inspection is to agree that free product removal by reasonable means has been completed. The SCAT team will use the **"Guidelines for Shoreline Cleanup Endpoints"** detailed below as a basis for their decisions (see below).

"Guidelines for Shoreline Cleanup Endpoints"

The SCAT team will determine when each shoreline segment has been cleaned to a reasonable* degree based on minimizing risk of impact to the environment, wildlife, and preventing human contact with the spilled oil. The following guidelines provide criteria for assessing shoreline cleanup status.

Water Surface:

No recoverable floating oil or emulsified oil should remain on the water surface. Only small isolated patches of silver sheen may remain.

Sand Beaches:

Shoreline should be free of fresh oil such that it cannot remobilize. Tarballs, tar patties, oiled stranded wrack and debris that could contaminate wildlife should be removed. Oil stain on sand that does not produce sheen may be allowed to degrade naturally.

Coastal Bluff Terrace (release area; archeological constraints may require cultural data collection during excavation activities):

No oil saturated soil remains. No oil that can be remobilized remains. No pooled oil remains. Sediment should be free of liquid oil.

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Rocks:

No more than a coat of oil on rocks remains visible oil less than 0.1 cm thick which cannot be scrapped off (e.g., with a blade or scraper).

Culverts (1 steel, 2 concrete, and 1 concrete/earthen):

No more than stain remains and/or does not release free oil or sheen (a thin glistening layer of oil on surface of water) when rinsed with water.

* *Reasonable*, for the purposes of these shoreline inspections, is defined as when the SCAT team members concur that further shoreline treatment would not yield a net environmental benefit.

This was reviewed/approved by the following:

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LOSC - SBCOEM RT 5/24/15

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